

We claim:

1. A method of treating an individual suffering from a degenerative disease, disorder or abnormal physical state of the retina comprising implanting the retinal stem cells of claim 1 or the retinal cells of claim 2 into the eye of the individual

2. The method of claim 1, in which the mammal is a human and is suffering from a disease, disorder or abnormal physical state of the eye and the method further comprises implanting the retinal stem cells or retinal cells differentiated from the retinal stem cells, into the eye of the human.

3. The method of claim 1, in which the mammal is a human and is not suffering from a disease, disorder or abnormal physical state of the eye and the method further comprises implanting the retinal stem cells or retinal cells differentiated from the retinal stem cells, into a second human who is suffering from the disease, disorder or abnormal physical state.

4. The method of claim 2 or claim 3, in which the disease, disorder or abnormal physical state is selected from a group consisting of blindness, cytomegalovirus retinitis, uveitis, glaucoma, macular degeneration, retinitis pigmentosa, retinal degeneration, retinal detachment and cancers of the retina.

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